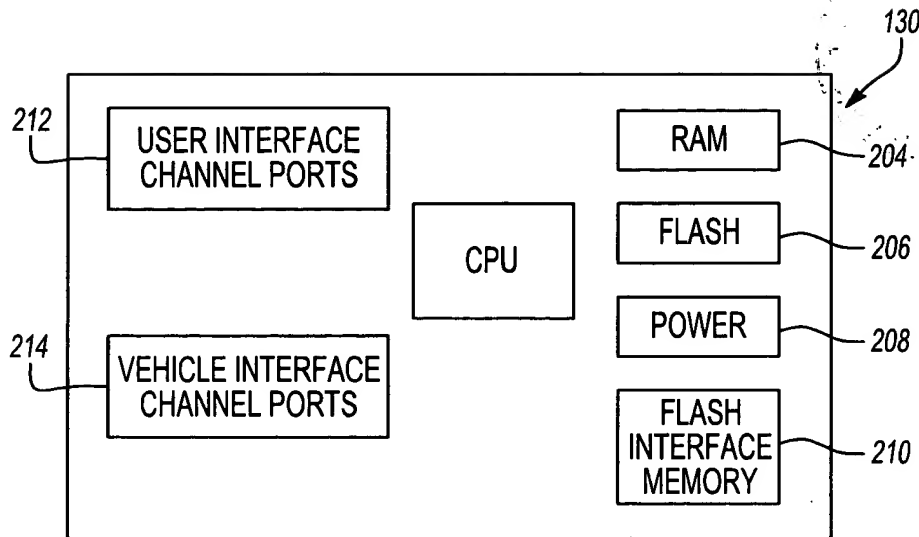
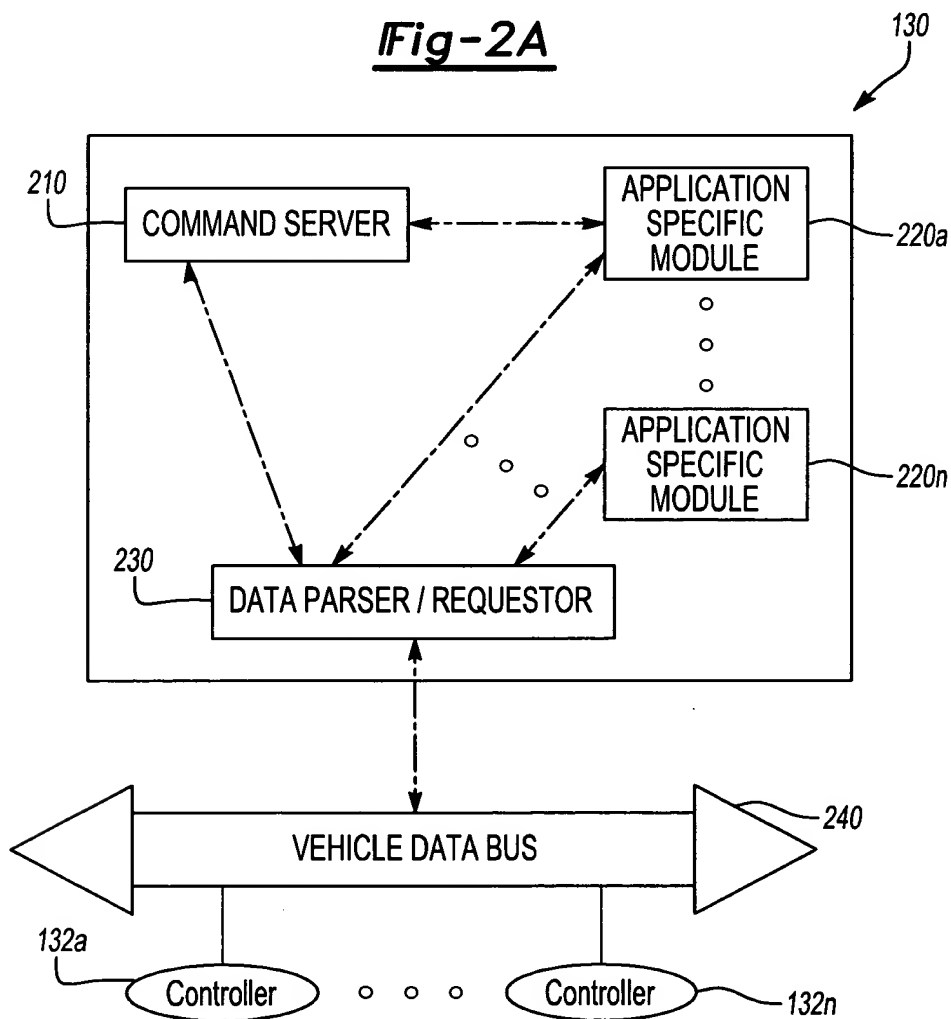


**Fig-1**

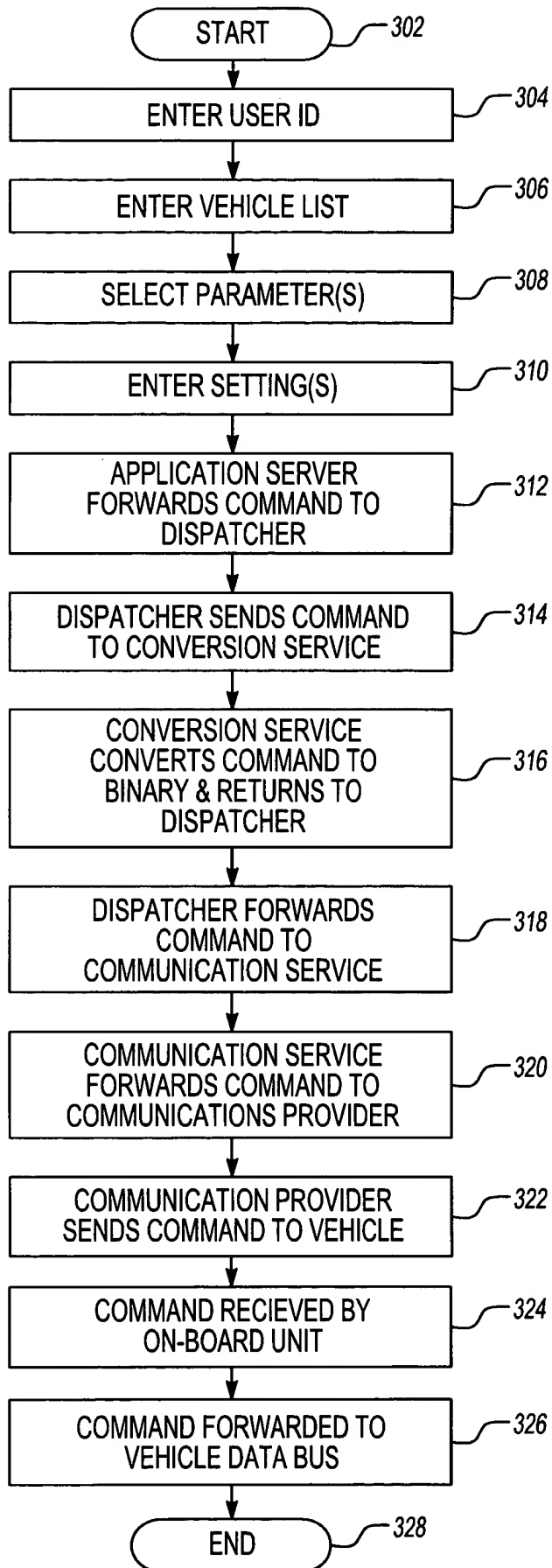


**Fig-2A**



**Fig-2B**

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



**Fig-3**

# FLEET MONITOR

- ☐ Alerts
 ☐ PARAMETERS
 ☐ REPROGRAMMING
- ☐ Setup
 ☐ Setup
 ☐ Setup
- ☐ View
 ☐ View - Trans
 ☐ View
- ☐ View - Date
 ☐ View - Date

## Alert - Setup

Select Fleet  
MPSI DDEC Fleet

Vehicle Unit ID	Description	T. Codes	Tamper
DDEC 1	Sterling Truck ST9500 2000	<input type="checkbox"/>	<input type="checkbox"/>
DDEC 2	Freightliner Century 2000	<input type="checkbox"/>	<input type="checkbox"/>

## Set Alert Reporting

Checked boxes will enable alert reporting from the corresponding vehicle.  
Un-checked boxes will disable alert reporting from the corresponding vehicle.

Select All	Select All	Select All
Clear All	Clear All	Clear All
Submit		

Fig-4A

# FLEET MONITOR

☐ Alerts    ☐ PARAMETERS    ☐ REPROGRAMMING  
☐ Setup    ☐ Setup  
☐ View    ☐ View - Trans    ☐ View

**Fig-4B**

410

Alerts - View

Select Date Range  
01/01/2000 to 08/15/2000

412

Select Fleet  
MPSI DDEC Fleet

416

418

View Results  
the results of your query are shown  
below. Records are displayed in  
reverse date order.

Reading Date/Time	Vehicle Unit ID	Parameter Name	Alert Value
----------------------	--------------------	-------------------	-------------

08/03/2000 06:08:47	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
08/03/2000 06:08:42	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID:102;FMI:4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/28/2000 14:20:26	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID:102;FMI:4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/28/2000 14:18:24	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID:102;FMI:4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/28/2000 14:12:54	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
07/28/2000 14:05:41	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID: 102; FMI: 4; TURBO BOOST SENSOR INPUT VOLTAGE LOW

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

07/24/2000 20:11:00	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/24/2000 18:01:03	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/28/2000 17:46:47	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/21/2000 11:07:33	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
07/21/2000 10:58:36	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
07/13/2000 12:12:37	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID: 102; FMI: 4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
07/13/2000 12:12:28	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
07/10/2000 15:55:16	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID: 98; FMI: 4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
05/25/2000 10:59:43	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
05/24/2000 16:54:34	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.

**Fig-4C**

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



05/22/2000 11:11:47	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
05/22/2000 11:11:42	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID:102;FMI:4; TURBO BOOST SENSOR INPUT VOLTAGE LOW
05/21/2000 17:11:49	DDEC 1	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 82; PID:98;FMI:4; OIL LEVEL SENSOR INPUT VOLTAGE LOW
05/21/2000 17:05:15	DDEC 2	Vehicle Speed Limit	Tamper Alert on VEHICLE SPEED LIMIT! Value changed from 70 mph to 80 mph.
05/21/2000 17:05:10	DDEC 2	Fault Code Alert	STATUS: ACTIVE; FLASH CODE: 34; PID:102;FMI:4; TURBO BOOST SENSOR INPUT VOLTAGE LOW

**Fig-4D**

# FLEET MONITOR

☐ Alerts  
☐ PARAMETERS  
☐ REPROGRAMMING

☐ Setup  
☐ View  
☐ Trans  
☐ View - Date

Parameters - Setup

Select Fleet  
MPSI DDEC Fleet

Select Vehicle  
(All)

Select Parameter  
Profile

Submit Request  
Enter a description for this  
request and then click the  
"Submit" button to query the  
selected vehicle(s).

**Fig-5A**

1

2

3

4

502a

DDEC Engine Config

Parameter Name	Parameter Name	Parameter Name	Parameter Name
Air Temp TQ Limit	Cruise Control Enable	Cruise Set	ECM 128 Cylinder
Engine Series	Idle Speed RPM	Max Cruise Speed	Min Cruise Speed
Optimized Idle	Override	Shutdown	Software Version
Sys Active	Torque Reduction Factor	VSG Set RPM	VSS Enable
Vehicle Speed Enable	Vehicle Speed Limit		

DDEC Engine Data

Parameter Name	Parameter Name	Parameter Name	Parameter Name
Air Inlet Temperature	Beginning of Injection	Boost	Byp Value
Coolant Temperature	ECM Volts	Engine Brake	Engine Brake Percentage
Engine RPM	Exhaust Temperature	Fuel Pressure	Fuel Temperature
ISD Driver Alert Mode	Idle Shutdown Status	Inject Pressure	Intake Air Temperature
Intercool Temperature	Knock Control	Knock Volts	Oil Pressure
Oil Temperature	PWM #1	Pulse Width	Shutdown
Speed Adjust	TPS counts	TPS Percentage	Torque Reduction Factor
Turbo Speed	Vehicle Speed		

504

505



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

502c

DDEC Engine Info Select

Parameter Name	Parameter Name	Parameter Name
Active Codes	Air Filter RS	Air Temp TQ Limit
Alarm	Ambient Air Temperature	Barometric Pressure
Cool Level	Coolant Pressure	Cruise Set
Engine Governor	Engine Load Percentage	Exit Pump Pressure
Half Engine Mode Status	Idle Shutdown State	Inj Pump Usage
Oil Filter RS	Oil Level	Override
SRS Recieved	Seq Turbo	T-Stat
Torque	Torque	VSG Set RPM

506

502d

DDEC Odometer Only Select

Parameter Name	Parameter Name	Parameter Name
Total Odometer		
	Parameter Name	Parameter Name

507

**Fig-5B**

# FLEET MONITOR

- ☐ Alerts    ☐ PARAMETERS    ☐ REPROGRAMMING  
☒ (1) Setup    ☒ (1) Setup  
☒ (1) View    ☒ (1) View - Trans    ☒ (1) View

Parameters - View by Transaction (1) View - Date

Select Transaction

Select the transaction you wish to view. Transactions are listed in reverse date order. 512

2

View Results

The results for the selected transaction are shown below. 516

Fig-5C

Transaction Description	Submitted By	Submitted On	Param Profile Requested	
DDEC Odometer Only for DDEC 1	bcarl	08/11/2000 05:23:57 PM	DDEC Odometer Only	Select
DDEC Engine Config for DDEC 1	bcarl	08/11/2000 05:23:32 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	08/11/2000 05:23:11 PM	DDEC Engine Config	Select
DDEC Trip Data for DDEC 2	bcarl	08/11/2000 05:12:30 PM	DDEC Trip Data	Select
DDEC Engine Config for DDEC 1	bcarl	08/11/2000 05:12:10 PM	DDEC Engine Config	Select
DDEC Trip Data for MPSI DDEC Fleet	bcarl	08/11/2000 05:11:02 PM	DDEC Trip Data	Select
DDEC 1 new config 2	bcarl	08/10/2000 04:05:32 PM	DDEC Engine Config	Select
DDEC 1 new config	bcarl	08/10/2000 04:04:47 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 2	bcarl	08/08/2000 02:58:39 PM	DDEC Engine Config	Select
DDEC Engine Info for DDEC 2	schang	08/08/2000 07:51:31 AM	DDEC Engine Info	Select

518

DDEC Total Engine for MPSI DDEC Fleet	guest	08/02/2000 11:32:06 PM	DDEC Total Engine	Select
DDEC Engine Config for DDEC 2	bcarl	08/02/2000 09:17:44 AM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	08/02/2000 09:17:32 PM	DDEC Engine Config	Select
DDEC Engine Config for MPSI DDEC Fleet	bcarl	08/02/2000 09:17:18 AM	DDEC Engine Config	Select
Mack Engine Info for Mack 2	bcarl	08/02/2000 09:16:42 AM	Mack Engine Info	Select
DDEC Engine Config for DDEC 2	bcarl	08/02/2000 09:01:21 AM	DDEC Engine Config	Select
my description for this request	guest	08/01/2000 03:31:20 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 2	bcarl	07/28/2000 02:01:43 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 2	bcarl	07/28/2000 02:01:31 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:51:22 PM	DDEC Engine Config	Select
DDEC Engine Info for DDEC 1	bcarl	07/28/2000 01:49:22 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:48:43 PM	DDEC Engine Config	Select
Mack Engine Info for Mack 1	bcarl	07/28/2000 01:33:35 PM	Mack Engine Info	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:33:05 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:31:18 PM	DDEC Engine Config	Select

**Fig-5D**

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:28:58 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:25:58 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 01:24:16 PM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:37:55 AM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:34:52 AM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:33:33 AM	DDEC Engine Config	Select
DDEC Engine Config for DDEC 1	bcarl	07/28/2000 10:25:34 AM	DDEC Engine Config	Select

Fig-5E

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

# FLEET MONITOR

☐ Alerts

(1) Setup

(1) View

☐ PARAMETERS

(1) Setup

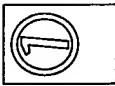
(1) View - Trans

(1) View - Date

Parameters - View by Transaction

Select Transaction

DDEC Trip Data for Werner Fleet 3



View Results

The results for the selected transaction are shown below.

520

Transaction details:

Description: DDEC Trip Data for Werner Fleet 3

Data Profile Requested: DDEC Trip Data

Submitting user: werner

522 Submit date/time: 08/12/2000 10:38:03 AM

Last response at: 08/12/2000 05:50:26 AM 524

**Fig-5F**

Vehicle Unit ID	Trip Average Fuel	Trip Avg Fuel Economy	Trip Cruise Time	Trip Distance	Trip Driving Avg Load	Trip Engine Brake Time	Trip Engine Time	Trip Fuel Used	Trip Idle Fuel Savings	Trip Idle Time	Trip Opt Idle Fuel Savings	Trip Opt Idle Time Savings	Trip VSG Fuel Used	Trip VSG Time
31481	4.8 GPH	6.3 MPG	29.1 HR	2611.9 mi	44%	1.5 HR	86.1 HR	414.1 GAL	29.3 GAL	40.7 HR	N/A	N/A HR	28.0 GAL	38.1 HR
31541	5.0 GPH	5.8 MPG	66.9 HR	6063.5 mi	46%	4.3 HR	208.2 HR	1035.0 GAL	71.4 GAL	101.3 HR	N/A	N/A HR	68.8 GAL	96.5 HR
31556	6.3 GPH	6.3 MPG	27.9 HR	2938.4 mi	45%	1.1 HR	74.1 HR	468.5 GAL	16.8 GAL	23.8 HR	N/A	N/A HR	14.6 GAL	19.5 HR
31557	3.6 GPH	5.9 MPG	9.6 HR	1218.8 mi	39%	0.4 HR	56.5 HR	206.0 GAL	20.4 GAL	31.4 HR	N/A	N/A HR	18.0 GAL	26.4 HR

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

31632	5.3 GPH	6.3 MPG	15.9 HR	3106.7 mi	43%	3.5 HR	92.8 HR	494.0 GAL	28.1 GAL	37.6 HR	N/A GAL	N/A HR	27.6 GAL	36.3 HR
31635	3.9 GPH	5.8 MPG	13.7 HR	1693.5 mi	45%	1.3 HR	74.8 HR	289.9 GAL	22.9 GAL	44.0 HR	N/A GAL	N/A HR	20.9 GAL	40.9 HR
31636	4.3 GPH	6.4 MPG	8.0 HR	951.4 mi	42%	0.7 HR	34.3 HR	148.8 GAL	12.6 GAL	17.8 HR	N/A GAL	N/A HR	12.3 GAL	17.0 HR
31637	4.0 GPH	5.3 MPG	9.6 HR	1923.6 mi	47%	0.7 HR	91.2 HR	360.9 GAL	40.9 GAL	56.8 HR	N/A GAL	N/A HR	39.9 GAL	55.0 HR
31638	6.3 GPH	7.3 MPG	50.4 HR	3760.0 mi	40%	0.6 HR	81.4 HR	515.1 GAL	8.5 GAL	13.0 HR	N/A GAL	N/A HR	7.6 GAL	11.4 HR
31639	4.7 GPH	6.7 MPG	15.3 HR	2906.4 mi	42%	0.1 HR	92.3 HR	435.3 GAL	21.4 GAL	42.0 HR	N/A GAL	N/A HR	19.6 GAL	39.1 HR
31642	3.8 GPH	5.1 MPG	15.5 HR	1675.2 mi	50%	0.0 HR	85.1 HR	326.5 GAL	33.1 GAL	55.3 HR	N/A GAL	N/A HR	31.8 GAL	52.8 HR

Fig-5G

# FLEET MONITOR

☐ Alerts  
☐ PARAMETERS  
☐ REPROGRAMMING

☐ Setup  
☐ View

☐ Setup  
☐ View - Trans  
☐ View - Date

## Fig-6A

600

Select Fleet  
 Werner Fleet 3

2

Select Parameter  
 Vehicle Speed Limit

3

Enter values  
 Indicate new settings (without units)  
 for each vehicle in the fields  
 provided. If a vehicle has no entry  
 box, then it cannot be  
 reprogrammed for the selected  
 parameter.

For Available Settings for Enumerated Reprogramable Parameters Click here

604 606 608

Vehicle Unit ID	Description	Current Setting	New Setting
31457	Freightliner Classic XL 2000	66 mph	
31481	Freightliner Classic XL 2000	66 mph	
31541	Freightliner Classic XL 2000	66 mph	
31542	Freightliner Classic XL 2000	66 mph	
31556	Freightliner Classic XL 2000	65 mph	
31557	Freightliner Classic XL 2000	66 mph	
31589	Freightliner Classic XL 2000	64 mph	

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

└

31599	Freightliner Classic XL 2000	Unknown	<input type="text"/>
31632	Freightliner Classic XL 2000	64 mph	<input type="text"/>
31635	Freightliner Classic XL 2000	66 mph	<input type="text"/>
31636	Freightliner Classic XL 2000	64 mph	<input type="text"/>
31637	Freightliner Classic XL 2000	65 mph	<input type="text"/>
31638	Freightliner Classic XL 2000	65 mph	<input type="text"/>
31639	Freightliner Classic XL 2000	65 mph	<input type="text"/>
31642	Freightliner Classic XL 2000	65 mph	<input type="text"/>

Submit

**Fig-6B**

└



# FLEET MONITOR

☐ Alerts      ☐ PARAMETERS      ☐ REPROGRAMMING  
☒ Setup      ☒ Setup      ☒ Setup  
☒ View      ☒ View - Trans      ☒ View

Reprogramming - View    ☒ View - Date

**Fig-6C**

**1** Select Fleet  
Werner Fleet 3

**2** Select Parameter  
All vehicles

**3** Select  
Parameter/Status  
Vehicle Speed Limit

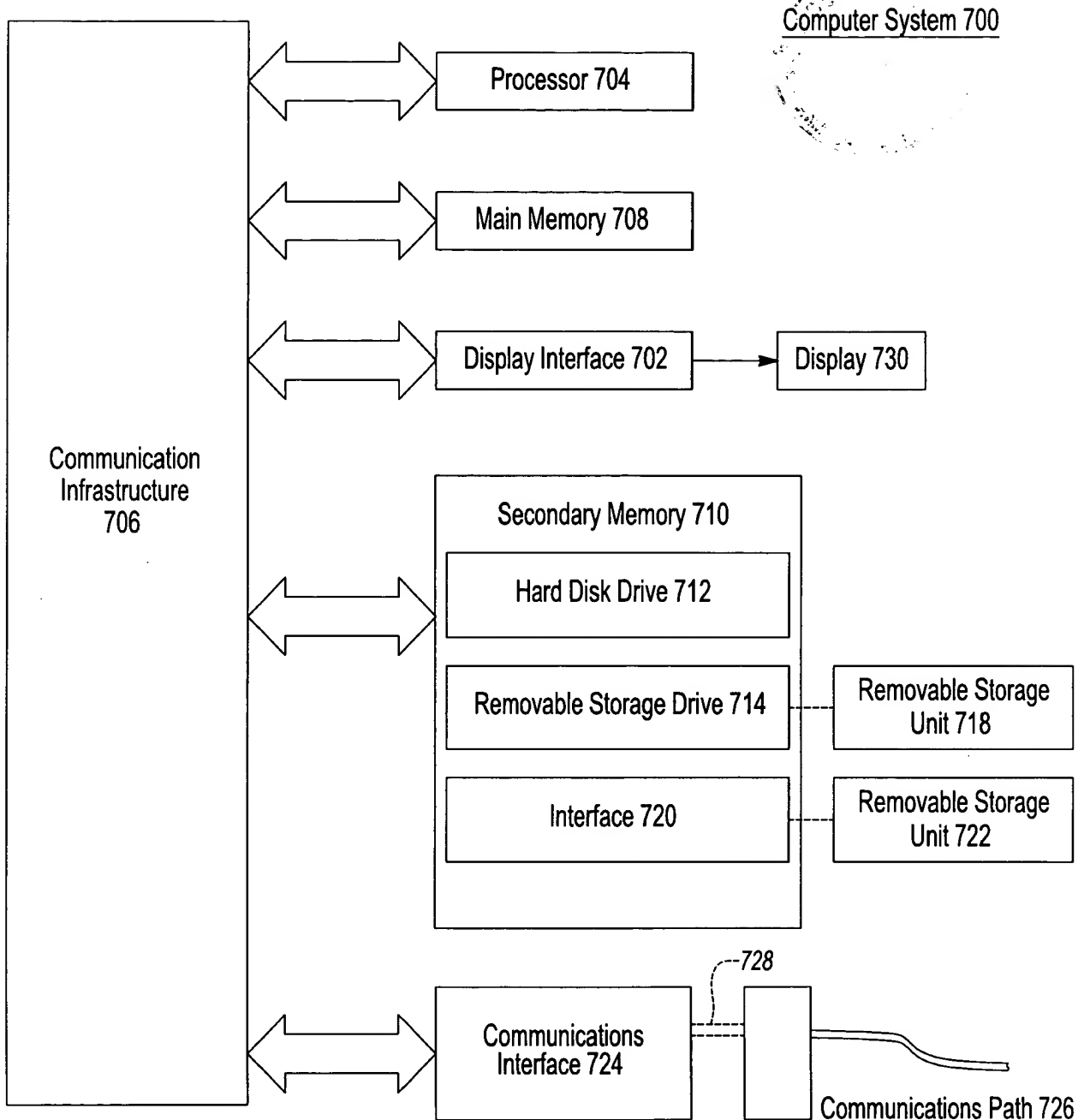
**4** View Results  
The results of your query are shown below. The records are ordered by vehicle, then parameter.

Vehicle	Parameter	Submit Date/Time	Current	Requested	Status
31457	Vehicle Speed Limit	8/14/2000 06:17:11	66 mph	65	Sending
31481	Vehicle Speed Limit	08/14/2000 06:17:11	66 mph	65	Message Sent to Vehicle (12/31/1999 20:01:01)
31541	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	65	Pending (08/14/2000) 06:24:34)
31542	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	65	Sending
31556	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 20:53:33)
31557	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	66	Ok (08/14/2000 13:11:12)
31589	Vehicle Speed Limit	08/14/2000 06:17:12	64 mph	66	Message Sent to Vehicle. (12/31/1999 20:01:01)

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

31599	Vehicle Speed Limit	08/14/2000 06:17:12	Unknown	66	Message Sent to Vehicle (12/31/1999 20:01:01)
31632	Vehicle Speed Limit	08/14/2000 06:17:12	84 mph	66	Pending (08/14/2000 07:45:27)
31635	Vehicle Speed Limit	08/14/2000 06:17:12	66 mph	66	Ok (08/14/2000 12:36:39)
31636	Vehicle Speed Limit	08/14/2000 06:17:12	64 mph	65	Message Sent to Vehicle (12/31/1999 20:01:01)
31637	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 14:05:18)
31638	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 09:23:07)
31639	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Ok (08/14/2000 11:55:48)
31642	Vehicle Speed Limit	08/14/2000 06:17:12	65 mph	65	Message Sent to Vehicle. (12/31/1999 20:01:01)

**Fig-6D**



**Fig-7**